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FALL PROTECTION

PERSONALPROTECTIVE EQUIPMENT

SPERIAN
Protection you can trust

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THE FOUNDATIONS OF A PERSONAL FALL ARREST SYSTEM

ANCHOR DEVICES

Used to join the connecting device (work restraint, fall arrester) to the anchorage point, commonly referred to as the "tie-off point" (I-beam, scaffolding or other structural point)

Anchor devices may be one of the 2 types :

- **Permanent anchor devices**
  (e.g. horizontal cable lifeline, horizontal rail systems...)
- **Temporary anchor devices**
  (e.g. steel strops, scaffold hooks, webbing anchorage slings, beam grips and dead-weight anchor...)

FULL BODY HARNESS

Used to hold the worker if a fall occurs

Anchor devices may be one of the 2 types :

- Full body harness must be worn for Fall Arrest situations
- Work restraint belts cannot be used for Fall Arrest

CONNECTING DEVICES

Used as intermediate attachment to connect the worker's harness to the anchor device

(e.g. shock absorbing lanyard, self retracting lifeline, fall limiter, rope grab etc.)
Connecting devices may be one of the 2 types :

- **Fall Restraint :** a fall restraint system prevents workers from reaching a hazard
- **Fall Arrest :** a fall arrest system allows workers to reach a hazard and then protects them if they should fall

Standards

EN12841/C	Rope access systems : back-up devices
EN341	Descender devices (like AG10 & RG9)
EN353-1	Guided Type Fall Arresters–Rigid Anchorage Line & Rails
EN353-2	Guided Type Fall Arresters–Flexible Anchorage Line
EN354	Lanyards
EN355	Energy absorbers
EN358	Work Positioning Systems
EN360	Retractable Type Fall Arresters (Self Retracting Lifelines)
EN361	Full Body Harnesses
EN362	Connectors
EN363	Fall Arrest Systems
EN795	Anchorage Devices - Types a-e
EN813	Sit Harnesses

FALL PROTECTION

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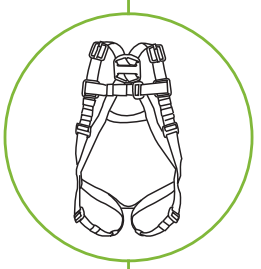
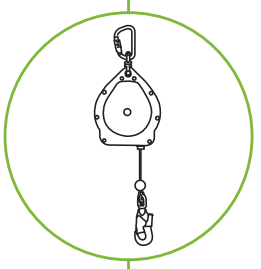
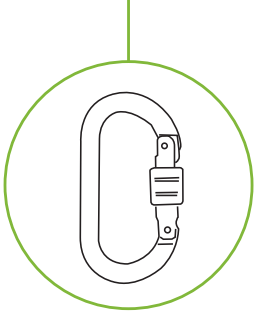
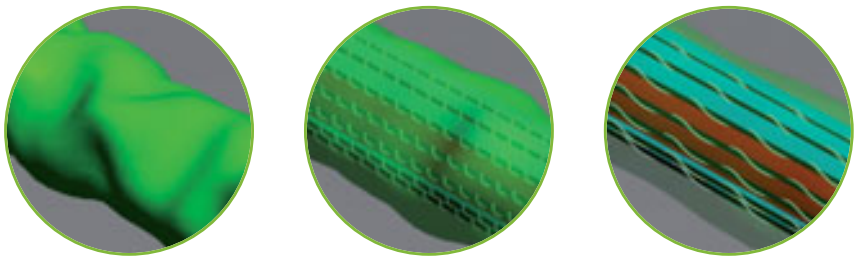






MILLER EDGE TESTED MANYARD



USING THE PATENTED WRAPPED FILAMENT TECHNOLOGY

MILLER EDGE TESTED RANGE

NEW

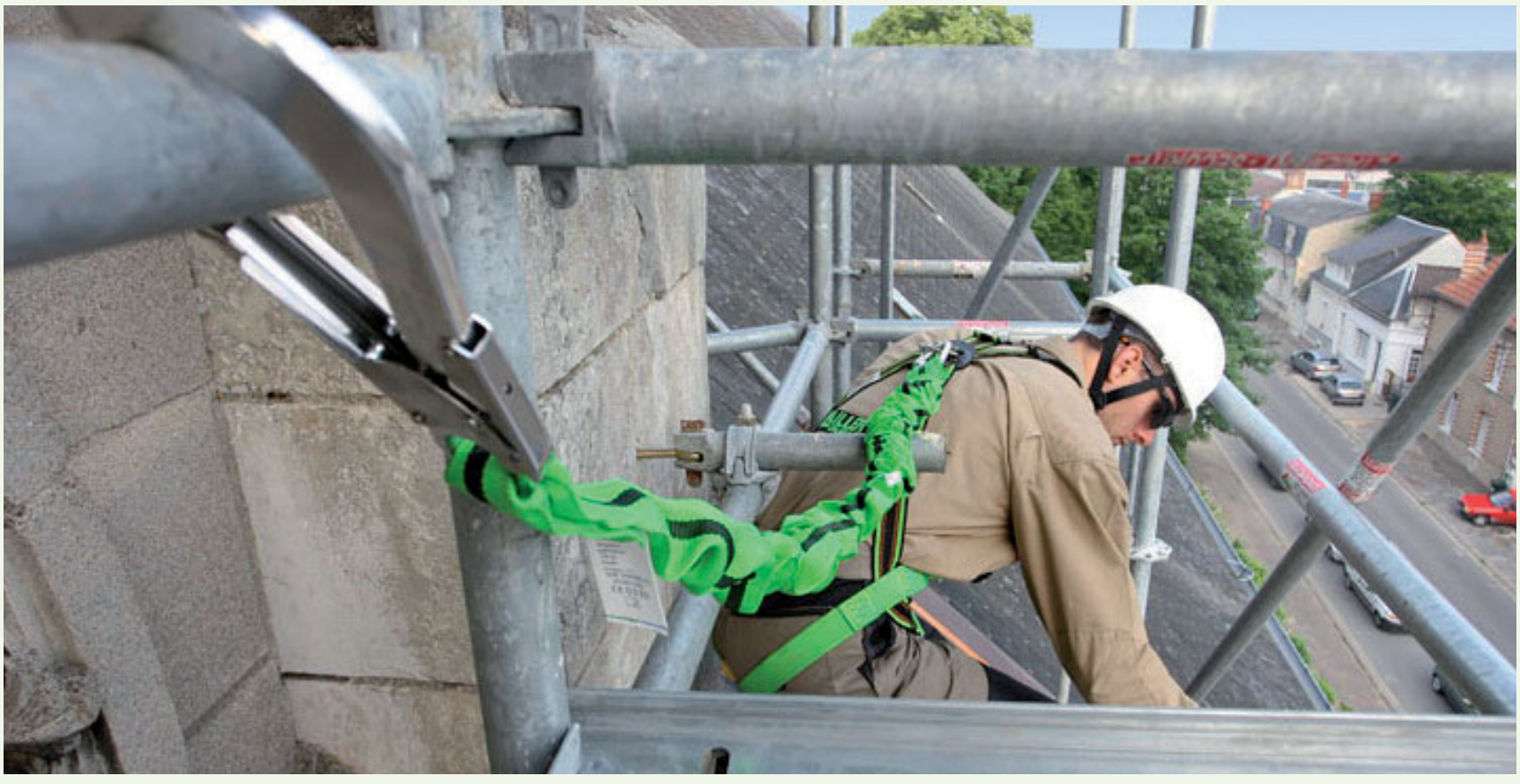
An unknown risk !
Whilst the risk of failure on an edge is often present during work at height, this hazard is relatively unknown. A large number of Miller by Sperian's customers and partners have been asking the group for a solution to this problem.

The Fall Arrest solution for edges
This technical problem calls for a two-fold solution: The fall arrest equipment should be developed with resistance to failure on edges whilst also absorbing the fall arrest forces in order to protect the operator from injury. It took 18 months of development and 300 tests in order to define and perfect this new technology and to offer our clients a reliable solution.

Edge tested Manyard

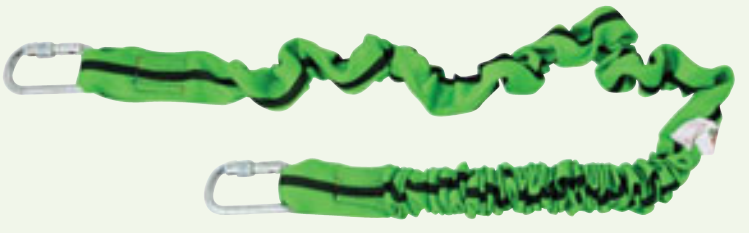
The first edge-tested Manyard on the market

- Patented core-yarn technology.
- Patented technology thanks to the nature of its webbing (wrapped filament) which combines two types of thread: one which is shock absorbent to reduce fall arrest forces, the other which is more robust to resist abrasion on the edges.
- Integrated shock absorber.
- Reduced product length, avoids the risk of tripping or snagging.
- Built-in warning flag.
- Ideal for scaffolding, maintenance, industry and telecommunications.
- Compliant with the standard EN 355: 2002.
- Draft standard EN 354 for horizontal use and sharp edge tests.



2m MANYARD Tested on edge + Scaffold hook with large opening + Screwgate karabiner

Art. No.	User Connector	Connector
10 179 16	*Aluminium screwgate karabiner*	*Scaffold hook, large opening aluminium*



2m MANYARD Tested on edge + 2 Screwgate karabiners

Art. No.	User Connector	Anchorage Connector
10 179 18	*Steel screwgate karabiner*	*Steel screwgate karabiner*

NEW

Edge tested kernmantel lanyard

The edge-tested kernmantel lanyard from the Miller by Sperian range guarantees your safety in the event of a fall on a edge !

The addition of a shock absorber reduces the fall arrest forces to under 6kN.

A 12 mm edge-tested kernmantel rope meets the requirements of all situations at height !

A range of connectors offers the perfect solution for every situation.

The double-legged lanyard is ideal for use on pylons since it enables the operator to climb whilst remaining connected at all times.

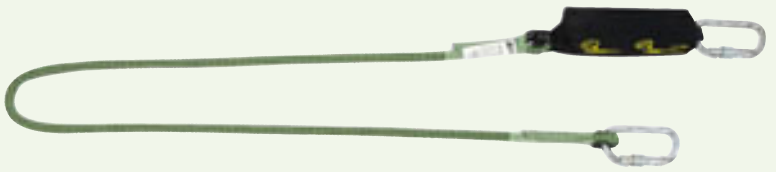
Application : Telecommunications, electricity, industry, building and construction.

Compliant with the standard EN 355: 2002 – Draft standard.

EN 354 (annex for horizontal use/ tested on sharp edges).

Rope lanyard with shock absorber 2m D12 Tested on edge +ScafHk/MS51

Art. No.	User Connector	Connector
10 168 47	*Scaffold hook, small opening aluminium*	*Scaffold hook, large opening aluminium*

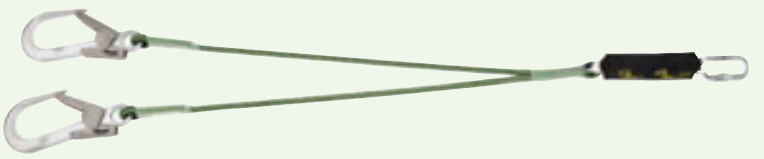


Rope lanyard with shock absorber 2m D12 Tested on edge +ML00/ML00

Art. No.	User Connector	Anchorage Connector
10 168 48	*Steel screwgate karabiner*	*Steel screwgate karabiner*

Rope lanyard with shock absorber 2m D12 Tested on edge +ScafHk/ML00

Art. No.	User Connector	Anchorage Connector
10 168 49	*Steel screwgate karabiner*	*Scaffold hook, large opening aluminium*



Double rope lanyard with shock absorber 1,5m D12 Tested on edge +2SHk/ML00

Art. No.	User Connector	Anchorage Connector
10 168 50	*Steel screwgate karabiner*	*2 x Scaffold hook, large opening aluminium*

Edge-tested Personal fall limiter

The edge-tested personal fall limiter by Miller by Sperian ensures your safety in the event of a fall on an edge.

The addition of a shock absorber reduces the impact forces due to a fall to under 6kN.

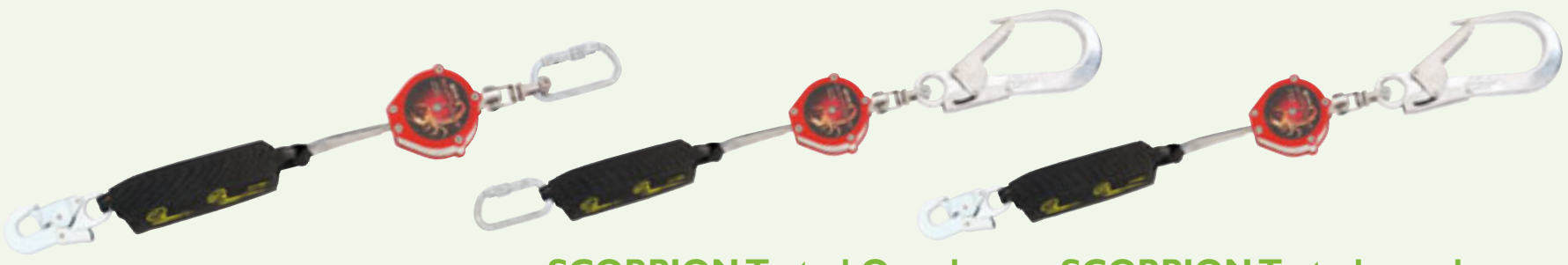
Miller by Sperian's retractable webbing lifeline with a quick-activating braking mechanism limits a free fall to centimetres.

Extremely robust and lightweight, the edge-tested Scorpion PFL with retractable webbing lifeline contains a corrosion resistant interior, a steel and aluminium body and high impact polymer cover (weight: 1.750 kg).

Application: Building, scaffolding.

Compliant with the standard EN 360: 2002.

Tested on sharp edges in accordance with the CNB/P/11.060 method.



SCORPION Tested on edge CS20 +SnapHook+specific webbing resistant to breakage against edges

Art. No.	User Connector	Connector
10 168 40	*Scaffold hook, small opening aluminium*	*Steel screwgate karabiner*

SCORPION Tested On edge CS20 + Karabiner Opening 63mm + specific webbing resistant to breakage against edges

Art. No.	User Connector	Anchorage Connector
10 168 41	*Aluminium screwgate karabiner*	*Scaffold hook, large opening (63 mm)*

SCORPION Tested on edge SnapHook + Karabiner Opening 55mm + specific webbing resistant to breakage against edges

Art. No.	User Connector	Anchorage Connector
10 168 42	*Scaffold hook, small opening aluminium*	*Scaffold hook, large opening (55 mm)*

MILLER REVOLUTION HARNESSES

The turning point in harness design.
Based on key user identified needs, Miller by Sperian developed 2 distinct ranges of Revolution harnesses.

Miller Revolution Construction and Maintenance harnesses

Designed for Construction and Maintenance activities such as scaffolding, steel erection, tower building and various maintenance situations, the PivotLink™ connection is located at waist level for a better ergonomic fit when bending or squatting.

R1 Miller® Revolution Basic

- The heavy-duty harness for unrivalled comfort and freedom of movement
- With standard fixing buckles

Art. No.	Description	Size
10 142 20	*Duraflex stretch webbing*	*S/M*
10 142 31	*Duraflex stretch webbing*	*L/XL*
10 142 32	*Duraflex stretch webbing*	*XXL**
10 142 33	*DualTech webbing*	*S/M*
10 142 34	*DualTech webbing*	*L/XL*
10 142 35	*DualTech webbing*	*XXL**

R2 Miller® Revolution Comfort

A quick-fitting harness with protective back shield
- Quick-connect buckles for easy fit.
- ErgoArmor™ Back shield for added protection

Art. No.	Description	Size
10 142 36	*Duraflex stretch webbing*	*S/M*
10 142 37	*Duraflex stretch webbing*	*L/XL*
10 142 38	*Duraflex stretch webbing*	*XXL**
10 142 39	*DualTech webbing*	*S/M*
10 142 40	*DualTech webbing*	*L/XL*
10 142 41	*DualTech webbing*	*XXL**

R3 Miller® Revolution Premium

- Quick-connect buckles for eas y fit.
- ErgoArmor™ Back shieldfor a dded protection
- Work positioning belt

Art. No.	Description	Size
10 142 42	*DualTech webbing*	*S/M*
10 142 43	*DualTech webbing*	*L/XL*
10 142 44	*DualTech webbing*	*XXL**

Miller Revolution Telecoms and Utilities harnesses

The ultimate solution for utilities, telecoms, windpower and electricity companies, the PivotLink™ connection is located at hip level for a smoother movement during ascent and descent.
The pivoting work-positioning belt guarantees a secure hands-free position with full freedom of movement and reach.

R4 Miller® Revolution Telecom & Utilities Harness

- Standard buckles
- Rotating work-positioning belt

Art. No.	Description	Size
10 142 45	*Duraflex stretch webbing*	*S/M*
10 142 46	*Duraflex stretch webbing*	*L/XL*
10 142 47	*Duraflex stretch webbing*	*XXL**
10 142 48	*DualTech webbing*	*S/M*
10 142 49	*DualTech webbing*	*L/XL*
10 142 50	*DualTech webbing*	*XXL**

R5 Miller® Revolution Premium Telecom & Utilities Harness

A quick-fitting harness with protective back shield
- Quick fixing buckles
- Rotating work-positioning belt

Art. No.	Description	Size:
10 142 51	*Duraflex stretch webbing*	*S/M*
10142 52	*Duraflex stretch webbing*	*L/XL*
10 142 53	*Duraflex stretch webbing*	*XXL**
10 142 54	*DualTech webbing*	*S/M*
10 142 55	*DualTech webbing*	*L/XL*
10 142 56	*DualTech webbing*	*XXL**

** product made to order*

MILLER REVOLUTION HARNESSES

Engineered with 8 unique components !

CAM BUCKLE
Easy one-hand adjustment allows simultaneous adjustment of shoulder straps.

WEB FINIALS
Clip on design safely organises webbing after proper adjustment

SELF CONTAINED LABEL PACK
Integrated pack encapsulates labels minimizing damage and loss

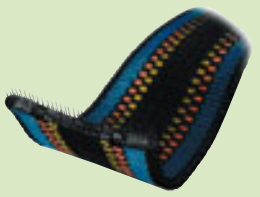
PIVOTLINK™ CONNECTION
Unique rotary design provides greater comfort in bending and mobility

CUSTOM IDENTIFICATION
Four brightly coloured permanent labels allow customisation for date, name…

ERGO ARMORTM BACK SHIELD
Semi-flexible back shield minimizes impact from sharp / heavy snap hooks and self retracting lifelines

INTEGRATED ACCESSORY SYSTEM
Modular attachment design provides connection points for tools and accessories

2 available webbing options :



DuraFlex® webbing :
Patented elastomer webbing specially formulated to stretch with the user's movements so there is no bunching or binding.

DualTechTM webbing :
Donning made easy with two-sided contrasting colour webbing and textures.
Engineered with shape retention memory for a more comfortable fit.

Accessories

The PivotLink™ provides a convenient attachment point for a multitude of accessories and individual tool pouches. Innovative in its design, the weight of these accessories is distributed across the hips and shoulders for a more comfortable fit.

Art. No.	Size
10 142 70	*S*
10 142 71	*L*

Art. No.	Size
10 142 74	*M*
10 142 73	*L*

Art. No.
10 142 75

Art. No.
10 142 76

Art. No.	Colour
10 142 78	*Blue (x10)*
10 142 79	*Yellow (x10)*
10 142 80	*Red (x10)*
10 142 81	*Green (x10)*

Art. No.
10 142 72

DuraFlex® stretch harnesses

The natural choice for greater mobility and extreme comfort.

Feel the difference !

Patented Miller DuraFlex® harnesses feature specially-formulated elastomer webbing that stretches to provide :

Greater Comfort

DuraFlex® harnesses conform to the shape of the worker, stretching with every movement, so there is no bunching, binding or kinking.

Improved Safety

With unsurpassed comfort, DuraFlex® harnesses offer wider end-user acceptance. More importantly, a comfortable harness is more likely to be worn properly, enhancing compliance and safety on the jobsite.

Increased Durability

The TEFLON®* high-tech protective finish on the webbing repels water, oil, grease and dirt and helps to extend the service life of the harness

MA02 – One-point DuraFlex® harness, rear anchorage, with TEFLON® finish

Art. No.	Size
10 028 47	*M/L*
10 028 48	*S*

MA04 – Two-point DuraFlex® harness, rear and front anchorage, with TEFLON® finish

Front anchorage soft webbing loops.

Standard	Size	With fixing buckles
10 028 49	*M/L*	10 076 12
10 028 50	*S*	10 076 11

MA08 – Three-point DuraFlex® harness, rear and front anchorage, with TEFLON® finish

Front anchorage D-rings.

Art. No.	Size
10 028 53	*M/L*
10 028 54	*S*
10 049 59	*XXL*

MA60 – Two-point DuraFlex® heavy-duty harness, with belt, rear and front anchorage, with TEFLON® finish

Front anchorage webbing loops.

Art. No.	Size
10 051 36	*M/L*
10 051 37	*S*

MA58 – Three-point DuraFlex® harness, with belt, rear and front anchorage, with TEFLON® finish

Front anchorage D-rings.

Art. No.	Size
10 028 57	*M/L*
10 028 58	*S*
10 049 54	*XXL*

**TEFLON® is a registered trademark of DuPont for its brand of fabric protector. Only DuPont makes TEFLON®. New added value from Miller® by Sperian for sustained performance and easy care.*

Miller DuraFlex® stretch vest harnesses

Engineered for peak performance in all conditions.

The Duraflex® stretch vest harness combines all the benefits of a Duraflex harness in a highly comfortable and practical vest.

- 2-pt Duraflex® stretch harness with front and rear anchorage (front webbing loops) and quick buckles
- Lightweight, durable polyester vest jacket with front zipper, multiple pockets, extra shoulder padding and lateral loops for tool bags.
- Multiple adjustments for perfect fit. Pressure studs between lining and jacket allow ready access for harness inspection.
- Both the harness and the vest offer excellent chemical and abrasion resistance.
- Miller Vest harnesses are CE certified and comply with EN361 and EN 471 Class 2 (for HI-VIS option).

Miller DuraFlex® vest harness

Art. No.	Size:
10 068 82	*M/L*
10 075 50	*XL*

Miller DuraFlex® Hi-Vis Vest Harness

Yellow	Size	Orange
10 100 40	*M/L*	10 146 30
10 103 26	*XL*	10 146 31

Miller Duraflex® Hi-Vis vest Harness with side D-rings & work-positioning belt

Art. No.	Size:
10 134 54	*M/L*
10 134 55	*XL*

Miller® speciality harnesses

Miller Kevlar Harness 650K

1-point Kevlar / Nomex harness for exceptional heat and flame resistance.
Rear anchorage D-ring, adjustable straps and lanyard safety clips.
Conforms to EN361.

Art. No.	Size
10 123 36	*S*
10 123 37	*M*
10 123 38	*L*

Miller Atex Antistatic harness

Two point antistatic harness with protective back pad and automatic buckles.
Front anchorage loops and dorsal extension strap with webbing loop.
Conforms to EN361 & ATEX 949CE.

Art. No.	Size
10 150 74	*S/M*
10 150 75	*L/XL*

Manyard®

Stretchable shock-absorbing lanyard, for reduced tripping hazards

Light and stretchable, the Miller Manyard® moves with you. Unsurpassed on the market, it offers :

No tripping or snagging

- A UNIQUE stretchable design for greater manoeuvrability and safety.
- When contracted, it greatly reduces the risks of tripping, snagging and dragging.
- A safety clip that straps on to the harness to hold the Manyard® when not in use, thus limiting tripping risks.

Reduces fall arrest forces

- Special woven shock-absorbing inner core which reduces fall arrest forces.
- Heavy-duty tubular outer jacket which serves as a back-up lanyard and also as a protective sleeve.

Improves safety

- Unique warning flag which provides visual proof that a lanyard has been involved in a fall and should be removed from service.
- Reliable visual inspection. The integral red core becomes visible if the outer jacket is damaged or worn, and unfit for service.

Improved durability

The TEFLON®* hi-tech protective finish on the outer tubular jacket prolongs the service life of the Miller Manyard®. The Miller Manyard® unique warning flag.

The products are CE-certified and conform to EN 354 and EN 355

ME82 - Manyard® complete with 2 galvanised connectors (ML00)

Art. No.	Length
10 053 17	1.5m
10 053 18	2.0m

ME86 - Manyard® complete with 63mm scaffold hook and galvanised connector

Art. No.	Length
10 053 24	1.5m
10 053 25	2.0m

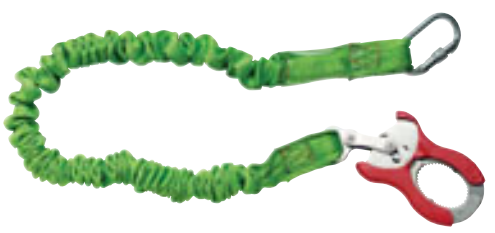
ME83 - Manyard® complete with snap hook and galvanised connector

Art. No.	Length
10 053 26	1.5m
10 053 27	2.0m

Miller Barracuda™ Scaffolding Lanyard

The ultimate fall protection solution for scaffolders

- Double gripping
- Conforms to EN 355 and EN 795b.



Barracuda™ Scaffolding Manyard®

A 1.75m elasticated Manyard® with integrated shock absorber, vertical scaffold clamp and screwgate karabiner. The elasticated lanyard reduces tripping and snagging hazards. TEFLON®* hi-tech protective finish helps to prolong the service life of the unit.

Art. No.
10 104 70

Adjustable Barracuda™ Scaffolding Lanyard

An adjustable 1.2m rope lanyard with shock absorber, vertical scaffold clamp and screwgate karabiner for restraint and fall arrest.

Art. No.
10 086 71

Barracuda™ Scaffolding Lanyard

A 1.75m fall arrest rope lanyard with shock absorber, vertical scaffold clamp and screwgate karabiner.

Art. No.
10 101 41

**TEFLON® is a registered trademark of DuPont for its brand of fabric protector. Only DuPont makes TEFLON®. New added value from Miller® by Sperian for sustained performance and easy care.*

Restraint Lanyards (polyamide rope - 12 mm)

Durable, lightweight components for maximum safety and comfort

MD00

Art. No.
10 028 81

MD06

Art. No.
10 028 87

A restraint lanyard is used to restrict the worker's movement to prevent him reaching a location where a fall hazard exists.

Art. No.	Reference	Length (m)	Connector	Connector
10 028 81	*MD00*	*1*	*Loop*	*ML00*
10 028 82	*MD00*	*2*	*Loop*	*ML00*
10 028 83	*MD02*	*1*	*ML00*	*ML00*
10 028 84	*MD02*	*2*	*ML00*	*ML00*
10 047 11	*MD02*	*1,5*	*ML00*	*ML00*
10 028 87	*MD06*	*0,35*	*Loop*	*2 x ML00*

Shock-absorbing Lanyards

ME02

Art. No.
10 029 03

ME05

100% tie off

Art. No.
10 045 90

ME52

Art. No.
10 029 07

Art. No.	Order No	Length (m)	12mm Rope	23mm Webbing	Connector	Connector
10 029 01	*ME00*	*1,8*		•	*None*	*None*
10 029 03	*ME02*	*2*		•	*ML00*	*ML00*
10 029 04	*ME03*	*2*		•	*ML06*	*ML06*
10 045 90	*ME05**	*2*		•	*ML00*	*2 x 63 mm Scaffold Hook*
10 052 79	*ME06*	*1,5*		•	*ML00*	*63 mm Scaffold Hook*
10 045 79	*ME06*	*2*		•	*ML00*	*63 mm Scaffold Hook*
10 029 06	*ME51*	*2*	•		*ML00*	*63 mm aluminium Scaffold Hook*
10 029 07	*ME52*	*2*	•		*ML00*	*ML00*
10 032 16	*AMORSTOP*	*1,5*	•		*ML00*	*ML00*
10 045 78	*ME53*	*2*	•		*ML00*	*22 mm Snap Hook*
10 052 90	*ME53*	*1,5*	•		*ML00*	*22 mm Snap Hook*
10 045 91	*ME54*	*2*	•		*ML00*	*50 mm Scaffold Hook*
10 052 78	*ME54*	*1,5*	•		*ML00*	*50 mm Scaffold Hook*
10 032 15	*AMORSTOP*	*2*	•		*ML00*	*63 mm Scaffold Hook*
10 032 20	*AMORSTOP*	*1,3*	•		*None*	*None*

MILLER PERSONAL FALL LIMITERS

Miller Personal Fall Limiters

The cost-effective alternative to shock-absorbing lanyards

Enhanced Safety

In contrast to shock-absorbing lanyards, a PFL eliminates the need for an extended fall distance clearance, as the fall is arrested within centimetres. This minimises the risk and makes rescue easier. The retractable lifeline reduces the risk of tripping or snagging.

Increased Versatility

Compact and lightweight, the Miller PFLs can be attached directly to the harness D-ring and used like a shock-absorbing lanyard. Most units are longer than traditional lanyards, therefore offering greater manoeuvrability.

Greater Cost-Effectiveness

Competitively priced, the longer service life of the Miller PFLs make them an economical alternative to shock absorbing lanyards. Ideal for low-level work. The Miller Range of Personal Fall Arresters are self-retracting blocks with a quick-activating braking system that limits a free fall to centimetres, with reduced fall arrest forces.

NEW

Miller Turbo Lite

Compact and lightweight.
The first affordable alternative to shock-absorbing lanyards.

- Adapted to all situation when working with low space clearance
- Can be used in Fall Factor 2 (below the back D ring and not lower than foot level)
- Can be used on both side
- Built-in web load indicator identifies when the unit needs to be removed from services
- Quick activating Patent Pending Braking System
- Compact and lightweight (0,86 kg) provides 2m working capacity lifeline
- Engineered webbing for greater abrasion resistance and long service life (vectran / polyester webbing)
- Lightweight, high-strength, impact-resistant nylon housing for maximum durability
- Built-in swivel prevents lifeline from twisting
- No annual factory recertification required

Standards : EN 360 (retractable type fall arresters) ANSI Z359.1, ANSI A10.32, OSHA 1926.502.

10 180 15 **10 180 13** **10 180 14** **10 179 00**

Art. No.	Description	Unit connector	Lanyard end
10 180 15	*TURBOLITE WEB WSA 2m C/W 2 TWISTLOCK*	*Steel twistlock carabiner (opeaing : 18mm)*	*Steel twistlock carabiner (opening : 18mm)*
10 180 13	*TURBOLITE WEB WSA 2m C/W TWISTLOCK+SCAF*	*Steel twistlock carabiner (opening : 18mm)*	*Aluminiumscaff hook (opening: 65mm)*
10 180 14	*TURBOLITE WEB WSA 2m C/W Scafhook+TWIST*	*Aluminium scaff hook (opening: 65mm)*	*Steel twistlock carabiner (opening : 18mm)*
10 179 00	*TURBOLITE WEB WSA 2m Twist Alu+Snap Alu*	*Aluminium twistlock carabiner (opening : 16mm)*	*Aluminium snap hook (opening: 21mm)*

Miller Falcon 6 m

Webbing retractable lifeline

- Increased Safety
- Increased Service Life
- Casing comes with a lifetime guarantee
- Available in 4 versions

6 m Miller Falcon lifeline + swivel

Art. No.	Connectors
10 167 93	*none*
10 167 94	*63 mm auto karabiner + karabiner with alu screw*
10 167 95	*2 karabiners with aluminium screws*
10 167 96	*karabiner with aluminium screw + 22 mm auto karabiner*

10 167 93 **10 167 94** **10 167 95** **10 167 96**

MILLER PERSONAL FALL LIMITERS

Miller Scorpion™

Unique snap-hook design for easy attachment to harness D-ring

Extremely robust and lightweight, the Scorpion™ PFL features a fall indicator, corrosion-resistant internal parts, stainless steel / aluminium body and high impact polymer cover. Weight 1.6kg

Lifeline Material: TEFLON®* treated polyamide webbing.

Art. No.	Description	Length
10 085 87	*Miller Scorpion™ PFL with screwgate karabiner and swivel snap hook*	*2.7 m*
10 085 88	*Miller Scorpion™ PFL with swivel scaff hook (63mm) and snap hook (22mm)*	*2.8 m*
10 085 94	*Miller Scorpion™ PFL with swivel scaff hook (63mm) and snap hook (22mm*	*2.8 m*

Miller Minilite™

Fall Limiter

The lightweight, palm-sized self-retracting fall arrest block with a quick activating braking system that limits freefall to centimetres.

The 3 metre retractable webbing allows greater freedom of movement. The high-impact composite housing and corrosion resistant interior increase the product durability

Art. No.	Connectors
10 061 00	*MI10 - Minilite 3,1 with 1 connector ML00 and 1 swivel snap hook 22 mm*
10 061 01	*MI11 - Minilite 3,1 with 1 snap hoop 22 mm and 1 swivel scaffold hook 50 mm*
10 061 02	*MI12 - Minilite 3,1 m with 1 connector ML00 and 1 snap hook 22 mm*

MI20 Inertia reel fall arrester

With a working capacity of 2.5m, the MI20 features an integral shock-absorber to reduce the impact force of a fall, and comes with two screw karabiners.

Art. No.	Length
10 028 71	*2,5 m*
10 030 59	*1,5 m*

**TEFLON® is a registered trademark of DuPont for its brand of fabric protector. Only DuPont makes TEFLON®*

MILLER FALL ARREST BLOCKS

Miller Fall Arrest Blocks

Safety and comfort with freedom to move

Miller® by Sperian offers the most comprehensive range of fall arrest blocks including robust lightweight composite blocks and heavy-duty fall arrest and rescue models with metallic housing.

Choice of lifeline materials: webbing, stainless steel, and galvanised steel.

Lifetime housing guarantee

The nearly indestructible, high impact-resistant nylon housing withstands the harsh rigours of the toughest applications. Smooth, round edges increase durability.

10 124 10

10 123 92

Miller Black Rhino Self Retracting Lifelines

- The smallest and lightest 3-metre cable lifeline on the market.
- The robust housing and corrosion resistant cable and internal components are designed to endure the daily rigours of harsh environments. Meets all applicable global industry standards.
- Supplied with load indicator.

Art. No.	Description
10 124 10	*Black Rhino with swivel screwgate karabiner and swivel snap hook (22mm)*
10 123 92	*Black Rhino with swivel scaffold hook (63mm) and swivel snap hook (22mm)*

Miller Mightylite™

Self-Retracting Lifelines

Heavy-duty performance from a compact and easy-to-use block that features pressed steel housing, stainless steel springs and a fall indicator.

Supplied with a swivel snap hook.

MightyLite - Steel Housing Cable

Art. No	Reference	Length (m)	Weight (kg)	Stainless steel ø 4.8mm	Galvanised wire ø 4.8mm	Webbing 25mm	Handle
10 028 20	*MI50*	*6,2*	*4*		•		
10 028 27	*MI70*	*6,2*	*3,5*			•	
10 045 71	*MI54*	*10*	*5,6*		•		
10 028 28	*MI71*	*15,5*	*9,4*			•	
10 045 73	*MI55*	*15*	*9,5*		•		•
10 045 92	*MI55*	*15*	*9,5*	•			•
10 045 72	*MI56*	*20*	*14,9*		•		•
10 045 93	*MI56*	*20*	*14,9*	•			•
10 045 74	*MI57*	*30*	*19*		•		•
10 045 94	*MI57*	*30*	*19*	•			•
10 045 75	*MI58*	*40*	*23,6*		•		•
10 045 95	*MI58*	*40*	*23,6*	•			•

10 045 73

10 028 27

6.2 and 10m model

15 and 20m model

*If the housing of the unit cracks or is damaged under normal, non-abusive working conditions, Miller will replace the damaged housing component(s) free of charge

Miller Falcon™ Self-Retracting Lifelines

The safest, most robust and comprehensive range of composite retractable lifelines on the market.

Greater Cost Savings

No need for an annual factory recertification : An authorised competent person can annually inspect the Falcon SRL and, if it fails, return it to the factory or to a Bacou-Dalloz authorised service centre. The result is reduced down time and lower cost of ownership.

Enhanced Safety

The quick-activating braking mechanism stops a fall within centimetres allowing for a quick and safe rescue. A highly-visible load indicator identifies that the unit should be removed from service.

Greater Comfort of Use

Lightweight, with a built-in handle on the 15 and 20 metre units, the unit is easy to handle and transport to/from jobsites.

The unique side payout design reduces wear on the entry guide and cable and ensures a smooth operation with less resistance.

Tested and Approved for Horizontal Applications when used with the appropriate manufacturer recommended equipment. Contact Customer Service for additionnal information.

Standards : CE – The products are CE certified and conform to EN360.

Key Product : Additional models are available upon request.
i.e stainless steel snap hook versions (Ref.: 10 122 61-62-63)

Art. No.	Length (m)	Weight (kg)	Stainless steel Ø 4.8mm	Galvanised wire Ø 4.8mm	Webbing	Handle	Dimensions
10 117 28	*6,2*	*4,1*			•		*255 x 213 x 101*
10 117 29	*6,2*	*4,1*	•	•			*255 x 213 x 101*
10 117 42	*10*	*5*			•		*255 x 213 x 101*
10 117 43	*10*	*5*	•	•			*255 x 213 x 101*
10 117 46	*15*	*6,7*			•	•	*342 x 246 x 101*
10 117 47	*15*	*6,7*	•	•		•	*342 x 246 x 101*
10 117 50	*20*	*7,7*			•	•	*342 x 246 x 101*
10 117 51	*20*	*7,7*	•	•		•	*342 x 246 x 101*

MILLER FALL ARREST KITS

Miller Fall Arrest Kits

All your fall protection equipment available in a ready-to-go kit

Construction Back-Pack Kit (Kit 11)

The number one selling kit from Miller! 1 or 2-point DuraFlex® elasticated harness, rear anchorage and 2m elasticated Miller Manyard® with 63mm steel scaffold hook, both with TEFLON® finish. Includes free back-pack.

Art. No.	Harness
10 068 83	*MA02*
10 078 42	*MA04*

NEW

TurboLite Kit

Ideal for low-level work ! 1-pt DuraFlex elasticated harness with TEFLON® finish with lightweight Miller TurboLite (10 180 13)

Art. No.
10 281 34

Barracuda Back-Pack Kit

The ultimate solution for safety and comfort for scaffolders, combining a 1-point DuraFlex elasticated harness (MA02) and the Adjustable Barracuda Scaffolding Lanyard (Art.No 10 086 71)

Art. No.
10 086 71

Miller Accessories

Miller Relief Step

Designed to alleviate the effects of suspension trauma on a worker who has fallen in his harness. The Relief Step can be attached to any brand of harness and is easily deployed for a short term solution to the worker's safety and comfort.

Art. No.	Description
11 002 11	*Display box of 12 pairs in clamshells*

Tool Bandit

When performing jobs at heights, workers can sometimes lose their grip. Tools are often dropped, reducing on-the-job efficiencies and potentially causing serious injuries to workers below. The Tool Bandit can be fixed to the worker's belt or wrist and is designed to secure the tool whilst still allowing enough freedom of movement to get on with the task.

Art. No.	Description
11 002 10	*Display box with 12 Bandit Lanyard Tool holders in clamshells*
10 124 90	*Display box with 36 Bandit Lanyard Tool holders in clamshells*
10 124 91	*Bulk bag of 36 WristBandit Tool Holders*

Rope and Wire Fall Arresters

Light, industry-proven, stainless steel automatic or manual fall arresters

No other supplier can match the proven performance and 20 year experience of Miller® by Sperian in rope grabs and cable grabs - years which have resulted in simple design and reliable lightweight products. In the event of a fall or slip, they lock onto the rope or cable, arresting the fall immediately. The automatic grabs follow the worker without assistance.

Application

Rope grabs and cable grabs prevent workers from falling during ascent or descent. The range includes models for both vertical and horizontal applications. They are particularly useful on sloping roofs where retractable lifelines may react too slowly.

Automatic and manual rope grab MF51 / MF52

- Suitable for vertical, horizontal and sloping applications.
- Suitable for 10/12 mm or 14/16 mm rope.
- Automatic locking for vertical use – the rope glides freely over the line without manual intervention.
- Manual position for horizontal work. The user locks the grab on the rope for restraint purposes, and repositions it manually along rope.
- MF52 supplied complete with 0.3m lanyard and connector (ML00).
- Complies with EN353-2.

Art. No.	Rope
10 076 40	*10 mm / 12 mm*
10 028 75	*14 mm / 16 mm*
10 076 18	*10 mm / 12 mm + lanyard*
10 028 76	*14 mm / 16 mm + lanyard*

MH00 Anchorage Line

Suitable for vertical, horizontal and sloping applications.

- Supplied with a counterweight and screwgate karabiner
- Complies with EN696

Kernmantel rope suitable for 10mm / 12mm rope grabs	Length	Twisted polyamide rope suitable for 14mm / 16mm rope grabs
10 076 13	*10 m*	**10 028 91**
10 076 14	*20 m*	**10 028 92**
10 076 15	*30 m*	**10 028 93**
10 076 16	*40 m*	**10 028 94**
10 076 17	*50 m*	**10 028 95**

MC03 Work Positioning Lanyard

Ideal for those who have to work at height in a safe and supported hands-free position.
The lanyard is fitted around a supporting structure and then connected to the side D-rings on the operator's belt or harness.

- Easy-to-use aluminium jaw type length adjuster for progressive one-handed adjustment
- Ø 16mm polyamide rope
- Supplied with karabiner and alloy snap hook, 22mm opening.

Art. No.	Length
10 028 78	*2 m*
10 028 79	*3 m*
10 028 80	*4 m*

Rocker Rope Lock

Versatile and lightweight fall arrest system designed for technical rope access. Suitable for 10/12mm rope, it offers the following functions:

- Easy-to-use manual and automatic rope grab (EN353-2)
- Length adjuster for positioning lanyard (EN358)
- Tensioning device for horizontal lifeline
- And also a pulley blocking device

Art. No.
10 070 31

Anchorage Points and Connectors

A complete range of easy-to-install anchorage devices for all applications

Miller® by Sperian boasts a complete range of anchorage points and connectors - karabiners, safety hooks, girder grips - to ensure a complete and reliable Miller fall protection solution. It also includes the equipment and accessories to set up lifelines where quick temporary overhead anchorage is required.

Anchorage Points

Possibly the most important aspect of a fall protection system, it is important to select a reliable anchorage point to ensure full safety. This should :

- have a static resistance > 10kN,
- be located at a safe distance above any lower obstacles,
- and, be as vertical as possible to the work station to avoid the pendulum effect.

MJ00

Webbing anchorage sling

23 mm polyester webbing.
Weight : 0.21kg.
Breaking strength : >10kN.

Art. No.	Length
10 029 16	*0.6 m*
10 029 17	*0.8 m*
10 032 45	*1.0 m*
10 029 18	*1.2 m*
10 029 19	*1.5 m*

MJ51

Galvanised Steel Sling

6.3 mm galvanised steel with protective plastic sheath.
Opening: Ø 300mm (250 x 250mm square structure).
Weight: 0.28kg.
Breaking strength : >15kN.

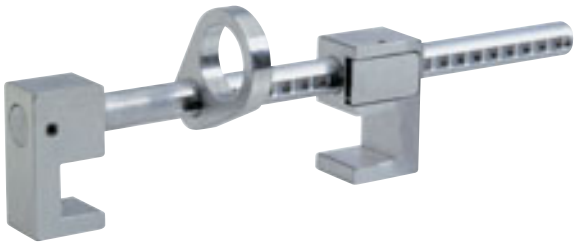
Art. No.	Length
10 028 97	*1 m*

MJ52

Wire Girder Grip

Stainless Steel.
Weight : 0.42kg.
Breaking strength : >20kN.

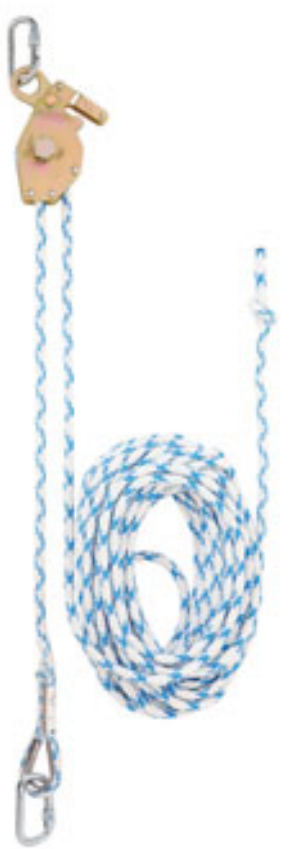
Art. No.	Opening
10 028 29	*75 mm*
10 028 30	*100 mm*
10 028 31	*140 mm*



Beam Glide

Fully adjustable aluminium beam anchorage device suitable for beams widths up to 360mm.
Breaking strength: 22kN. Weight: 1.4kg.
Conforms to EN 795b.

Art. No.
10 070 66



Miller Serpent Temporary Horizontal Lifeline

The durable solution for construction

- Durable braided rope with two galvanised connectors.
- Maximum working length 12 metres.
- Fast and easy to install.
- Fixing to either permanent anchorage points or temporary webbing anchorage slings.
- For use by one person only.
- Supplied with two 1.5m webbing anchorage slings.
- Complies to EN795b.

Art. No.
10 076 10

Miller MK00 Telescopic Pole

- Light-weight, fibreglass telescopic pole, 3 elements
- Compact for easy transportation
- Retracted length : 2.6m
- Weight : 2.73kg

Art. No.	Extended Length
10 028 98	*7.5m*

MJ50 – Stainless steel connector

Opening: Ø 150mm
(or 120 x 120mm square structure).
Weight: 1.27kg.
Breaking strength: >20kN.

Art. No.
10 028 96

MK01 Connector

- Easy-to-fit anchorage connector for use with telescopic pole
- Large opening is ideal for anchorage to girders, beams...
- For use in conjunction with an anchorage line

Art. No.	Opening
10 028 99	*150 mm*

MK02 Scaffold Hook

- Easy-to-fit anchorage connector for use with telescopic pole
- Opening to suit scaffolding tubes
- For use in conjunction with an anchorage line

Art. No.	Opening
10 029 00	*63 mm*

ML03 – Twistlock karabiner

Light alloy connector with keylock,
delivered in a mix of three colours.
Weight : 0.076kg.
Breaking strength : >28kN.

Art. No.	Opening
10 028 35	*23mm*

Alloy Screwgate Karabiner

Weight : 0.100Kg.
Breaking strength : >30kN.

Art. No.	Opening
10 128 33	*24mm*

ML00/CS20– Screwgate karabiner

Galvanised connector with keylock.
Weight : 0.158kg.
Breaking strength : >22kN.

Art. No.	Opening
10 028 32	*18mm*

GO60 Light Alloy Connector

With self locking gate and rope latch.
Weight : 0.245kg.
Breaking strength : >23kN.

Art. No.	Opening
10 043 18	*62mm*

TITAN RANGE

Ensuring safety and compliance on the jobsite.

TITAN™ is a complete range of user-friendly fall protection products that meets industry and construction compliance requirements. Standard products with some add-on features make the Titan™ line a cost-effective choice for fall protection.

TITAN Harnesses

Lightweight, durable polyamide webbing for all day comfort and dependability

- Fully adjustable designs so one size fits all - Sub-pelvic strap keeps the wearer upright
- Sliding back D-ring for a comfortable fit - 45mm chest strap with metal buckle

Standards : All TITAN harnesses are CE Certified and conform to EN361 and, where necessary, EN358.

TITAN 1-point harness

Rear anchorage.

Art. No.
10 118 90

TITAN 2-point harness

Front and rear anchorage (front webbing loops).

Art. No.
10 118 91

TITAN 1-point harness with positioning belt

Rear anchorage.

Art. No.
10 118 93

TITAN 2-point harness with positioning belt

Front and rear anchorage (front webbing loops).

Art. No.
10 118 94

TITAN Work Positioning

Standards : All TITAN work positioning equipment is CE Certified and conforms EN354.

TITAN FPL Work Positioning Lanyard

Adjustable 12mm polyamide rope lanyard.
Length 1.8m.

Art. No.	Description
10 082 85	*No connector*
10 082 86	*Loop and 20mm snap hook*
10 082 87	*Loop and twistlock karabiner*
10 082 88	*2 twistlock karabiners*

TITAN Work Positioning Belt

Lightweight. 2 stainless steel side D-rings.

Art. No.
10 082 32

TITAN Automatic Rope Grab

Standards : The TITAN Automatic Rope Grab is CE Certified and conforms to EN 353-2.

Automatically locks onto the rope in the event of a fall.

- Durable, corrosion-resistant, stainless steel construction.
- Lightweight, easy-to-use design with hands-free operation offers maximum freedom of movement.
- 0.3m lanyard and connector facilitates attachment to harness.
- Includes rope anchorage line.

Art. No.	Anchorage lines. Diameter 12mm	Rope Grabs. Diameter 12mm
10 113 44	*10 m*	
10 113 45	*20 m*	
10 113 46	*30 m*	
10 111 90		*10 m*
10 117 00		*15 m*
10 111 91		*20 m*
10 111 92		*30 m*

TITAN Shock-Absorbing Lanyards

Standards : All TITAN shock-absorbing lanyards are CE Certified and conform to EN355

TITAN B

Rope shock-absorbing lanyard. No connector.

Art. No.	Length
10 082 75	*1.8m*

TITAN B1

Rope shock-absorbing lanyard with snap hook and screwgate karabiner.

Art. No.	Length
10 082 76	*2.0m*

TITAN C3

Rope shock-absorbing lanyard with screwgate karabiner and scaffold hook (63mm opening).

Art. No.	Length
10 082 81	*2.0m*

TITAN A2

Webbing shock absorbing lanyard with screwgate karabiner and loop.

Art. No.	Length
10 143 30	*1.5m*

TITAN A3

Webbing shock absorbing lanyard with screwgate karabiner and scaffold hook (63mm).

Art. No.	Length
10 134 30	*2m*

TITAN Forked

Forked shock-absorbing webbing lanyard with 2 scaffold hooks (63mm) and screwgate karabiner.

Art. No.	Length
10 134 31	*2m*

TITAN RANGE

TITAN Restraint Lanyards

For use when no fall hazard exists

Standards : All TITAN restraint lanyards are CE Certified and conform to EN354.!

TITAN R14

Adjustable 12mm polyamide rope restraint lanyard, no connector.

Art. No.	Length
10 082 73	*1.8 m*

TITAN F Restraint Lanyard

12mm polyamide rope, no connector.

Art. No.	Length
10 082 70	*1 m*
10 082 71	*1.5 m*
10 082 72	*2 m*

TITAN CMS Personal Fall Arrester

Ideal for low level work.

- Reduced fall clearance requirements thanks to a quick-activating braking mechanism
- Integral shock-absorbing pack reduces fall impact forces
- Supplied with or without screwgate karabiners
- Supplied with or without protective housing
- 50mm wide webbing lifeline
- 2.5m working capacity

Standards : The TITAN CMS Personal Fall Arrester is CE Certified and conforms to EN360.

Art. No.	Description
10 083 29	*no housing, no connector*
10 083 32	*with housing, no connector*
10 083 34	*with housing, 2 karabiners*

TITAN Anchorage Sling

- 20mm polyamide webbing

.

Standards : The TITAN Anchorage Sling is CE Certified and conforms to EN795.

Art. No.	Length:
10 083 60	*0.6 m*
10 083 61	*0.8 m*
10 083 62	*1 m*
10 083 63	*1.2 m*
10 083 64	*1.5 m*

TITAN Fall Protection Kits

Fall Protection made easy with these user-friendly kits designed for specific applications :

TITAN Roofers Kit

•TITAN 2-point harness with rear and front anchorage (front webbing loops)

•TITAN automatic rope grab with 10m-anchorage line and 30cm attachment lanyard

Art. No.
10 118 95

TITAN Fall Arrest Kit

•TITAN 1-point harness with rear anchorage

•TITAN B1 2m shock-absorbing lanyard with 2 screwgate karabiners

Art. No.
10 118 96

TITAN Restraint Kit

Not suitable for Fall Arrest! The ideal solution for flat roof maintenance, MEWPS…

•TITAN 1-point harness with rear anchorage

•TITAN F 2m restraint lanyard with 2 screwgate karabiners

Art. No.
10 118 97

TITAN Construction Kit

•TITAN 1-point harness with rear anchorage

•TITAN CMS personal fall arrester with 2.5m webbing lifeline and 2 screwgate karabiners

Art. No.
10 118 98

TITAN Work Positioning Kit

•TITAN 2-point harness with work positioning belt, front and rear anchorage (front webbing loops)

•TITAN CMS personal fall arrester with 2.5m webbing lifeline

•TITAN FPL adjustable work positioning lanyard with 2 screwgate karabiners

Art. No.
10 118 99

TITAN Packaging

The TITAN kits are supplied in a highly practical case for storing and protecting your fall protection equipment after each use.

•Lightweight, resistant, waperproof soft plastic casing.

•Quick-opening zip.

•Comfortable cloth handle for a better grip and easy in-store display.

•Convenient side pocket for storing instructions and other documents.

Both the Miller tripod and portable davit column, used in conjunction with the Miller fall arrest blocks and winches, form the core of a stable and secure confined entry / rescue system. Suitable for use on manholes, tanks, hatches and other below-ground work and confined spaces.

MN10 Miller Aluminium Tripod

Easily installed by one person, the self-locking, fully adjustable legs lock securely in place thanks to the automatic pins. No chains are needed to secure the feet, which greatly reduces the risk of tripping.
Two anchorage points. Supplied with one pulley.
Weight: 15kg
Complies with EN795(b)
Dimensions :
Fully extended:
Height: 2.1 m
Leg span: 1.5 m
Fully retracted:
Height: 1.4 m
Width: 0.4 m
Breaking strength: > 10 KN
Maximum safe working load: 136 kg

Art. No.	Height:
10 050 41	2.1m

MI65 MightEvac Fall Arrest Block

With retrieval winch. Pressed steel housing and a compact design for heavy duty performance. Easy-to-use with rescue winch (up/down), gear ratio 5:1, fall indicator. Complete with screwgate karabiner. Supplied without brackets.
Complies with EN360

Art. No.	Description	Length:
10 051 49	Lifeline material: 4.8mm galvanised wire cable	15m
10 051 60	Lifeline material: 4.8mm galvanised wire cable	30m
10 051 61	Lifeline material: 4.8mm galvanised wire cable	40m
10 053 30	Brackets for MightEvac / Tripod	15m
10 053 31	Brackets for MightEvac / Tripod	30 & 40m

Tower Harness

Heavy-duty harness, designed for excellent comfort and support. Particularly suitable for harsh-environments.
- 4-point harness with belt and sit harness function
- High-quality, resistant webbing for increased durability
- Wide, comfortable work-positioning belt prevents back injuries and promotes productivity
- Padded leg straps for enhanced comfort during suspension work
- Back and shoulder pads
- Conforms to EN361, EN358 and EN813.

Art. No.	Size:
10 062 55	M/L
10 117 70	S

MN20 Manhandler Work Winch

Lifeline material: stainless steel cable

Compact and robust, the Manhandler is both a rescue and material winch. Easy operation, mechanical efficiency 5:1, with overspeed braking system and load indicator. Integrated bracket for MN10 tripod. Complete with one pulley. Maximum charge: 159kg

Art. No.	Length:
10 050 42	20m
10 050 44	20m

Miller Pulley*

Flat and swing sided with large diameter sheaves that promote excellent efficiency. Includes screwgate karabiner.
*included with MN10 Tripod and Manhandler.

Art. No.
10 114 71

MN50 - POTEX Portable pivoting davit column

Mounting plates:
Portable davit arm is available with a selection of base mountings -attachments to suit temporary/semi-permanent mobile working environments. Please refer to the price list for further information.

Pivoting uni-hoist system. Easy access to confined spaces, integrated rescue winch 30m, adjustable legs to fit most confined space entry
Complies with EN 795(b)

Art. No.
10 029 20

MILLER TECHNICAL HARNESSES

Miller Technical Harnesses

Technical Harnesses for the Telecoms and Utilities market are vital tools for work at height. Specific features such as rotating belts, padded leg straps and work-positioning belts have been designed to promote peak performance by enhancing the operator's comfort and freedom of movement at the work site, and so increasing user confidence and productivity.

Elastokuik Comfort Harness

Ideal for work on telecom poles and pylons, this harness offers full freedom of movement for access and excellent support for work positioning and extended reach.

- Heavy-duty 3-point harness with work positioning belt.
- Rear, front and side anchorage (front anchorage loops)
- Rotating work-positioning belt offers excellent freedom of movement and extended reach.
- Stretchable shoulder straps move with the worker to enhance productivity through increased comfort and greater flexibility
- Comfortable back-padding for supported hands-free work-positioning
- Back pad in cordura
- Easy to fit with automatic buckles
- Conforms to EN361 and EN358

Art. No.	Size:
10 030 23	S
10 030 22	M/L
10 030 24	XL

RM Harness

The perfect compromise between freedom of movement for access and excellent support for suspension.
4-point full body harness with work positioning belt and sit harness function.

- Rear and sternal anchorage for fall arrest, ventral anchorage loops (access and suspension) and side anchorage (work-positioning).
- Patented elasticated webbing on the shoulder straps stretches with the user for greater freedom of movement and comfort with reduced fatigue.
- Lightweight and easy-to-fit with quick-fixing automatic buckles
- Greater productivity thanks to the padded belt and leg straps that provide excellent support for work in suspension.
- Conforms to EN361 and EN358

Art. No.	Size:
10 034 39	M/L
10 034 38	S

Technical Fall Arrest Lanyards

Forked Shock-Absorbing Lanyard

2m webbing lanyard with shock-absorber.

- Forked lanyard for 100% tie-off: ideal for ascension of a tower or ladder.
- Compact, light-weight shock-absorber increases ease and comfort of use.

Art. No.	Connectors
10 029 02	3 Screwgate karabiners (18mm opening)
10 045 90	Screwgate karabiner and 2 scaff hooks (63mm opening)

Rope Access

Miller ROPAX harness

This new full body harness for rope access and rescue combines excellent suspension comfort with freedom of movement and increased productivity

The new triangular suspension position distributes the loads from the attachment points to the larger muscle groups to minimise discomfort and suspension trauma.
An additional webbing sling positions the ascender tight against the chest to facilitate ascension.

2 webbing options
• DualTech webbing with shape retention memory
• Resistant black polyester webbing

V Shape
The V Shape of the shoulder staps has been redesigned to prevent the straos fromm gigging into the neck and causing irritation

Perfect Fit
Adjustment webbing strzps between the leg straps and the belt allow for an exact fit

Foldable Side D-rings

Padded Leg straps
For increased comfort

Adjustable Webbing Sling
Designed to vertically position the ascender tight the harness

Web Finials
Clip-on design safely organises webbing after proper adjustment

Extra-Wide Padded Belt
Provides excellent lumber support and comfort

Gear Loops
3 large, easily accessible gear loops accomodate all tools and accessories

“Left” & “Right tags
Facilitate harness donning

S/M	L/XL	Description
10 144 34	10 144 35	Manual buckles + Black polyester webbing
10 144 32	10 144 33	Automatic buckles + Black polyester webbing
10 151 10	10 151 11	Automatic buckles + Dualtech webbing with shape retention memory

ErgoSoft Dorsal Pad

Designed to protect the back and facilitate harness donning

Art. No.
10 152 05

Tranversal Pad

Used in conjunction with dorsal pad, it allows the user to adopt a semi-reclined work position without straining the abdominals

Art. No.
10 152 06

Descenders, Ascenders & Fall Arresters

Manual vs Automatic Descenders

Miller-Troll manual descenders are designed for rope access work where the worker manually controls his descent. For maximum safety, the manual descenders feature an emergency braking system. When blocked on the rope the manual descender can be used to position and hold the operator at a particular point.
Miller-Troll automatic descenders are intended for rescue situations at height. (For example lowering an injured person from a crane, ski-lift etc)

Manual Descenders

Indy Descender

Lightweight and easy-to-use.
Descent is activated and controlled through pressure onto the handle.
Anti-panic auto-braking system.
The operator's safety is guaranteed thanks to a maximum descent speed: 2 m/s.
Suitable for 10-13mm rope.
Complies to EN341 Class A.
Weight: 0.49kg.

Art. No.
10 042 53

ProALLP Tech Descender

This new generation descent device offers maximum control and versatility within the areas of technical access, rescue and intervention.
Designed to hold up to two people (max. 250kg) in a rescue scenario.
Option of both screw and auto-lock controlled-rate rope descent.
Includes ascender, belay brake, tensioned line brake and hauling system brake function.
Suitable for 10-13mm kernmantel rope. Conforms to prEN12841-c.
Weight: 0.54kg.

Art. No.
10 070 57

Rocker Rope Lock

Versatile and lightweight fall arrest system designed for use in conjunction with a manual descender for technical rope access or rescue. Compact and easy-to-use as :
Manual and automatic rope grab (EN353-2).
Length adjuster for positioning lanyard (EN358).
Tensioning device for horizontal lifeline.
Pulley blocking device.
Locking catch can be activated to hold the Rocker in position on the rope.
Suitable for 10/12mm rope.
Weight: 0.17 kg.

Art. No.
10 070 31

Automatic Self Descenders

RG9 Automatic Self Descender

The Compact RG9 is an easy-to-use automatic descent device designed for a safe and controlled self-rescue.
Maximum descent height: 65m.
Controlled descent speed: 0.8m / second.
Complies to EN341.
Supplied with GO60 scaffold hook, opening 60mm.
Weight: 1.24kg.
Order rope separately for factory fitting

Art. No.
10 042 55

RG9 + rope kit	Length (m)
10 163 81	15
10 163 80	20
10 163 79	25
10 163 78	30
10 163 77	35
10 163 76	40
10 163 75	45
10 163 74	50
10 163 73	55
10 163 72	60
10 163 71	65

Ascenders

Rope Ascender

Ideally used in conjunction with a foot-loop, the manual ascender is a lightweight alloy handle that enables the operator to ascend a fixed rope.
The ascenders are designed to connect easily onto the rope with one hand with comfortable and efficient grip for improved climbing control.
For rope diameters 10-13mm.
Complies to EN567.
Weight 0.21kg.

Art. No.	Description
10 070 41	Right-hand ascender
10 073 93	Left hand ascender*

Cam-Clean Ascender

Used in conjunction with the rope ascender, is a chest ascender designed to hold the operator in a comfortable upright position.
Increased safety with an anti-return system.
Complies to EN567.
Weight: 0.16kg.

Art. No.
10 042 54

Shorco Sling and Foot Loop Set

Used in conjunction with the Rope Ascender and Cam-Clean, the Shorco Sling and Footloop set allows a fixed rope to be climbed by using the Foot Lock Technique.

Art. No.
10 101 68

Accessories

Cowstail Sling

Sling with reinforced loops at each end.
Suitable for connecting different devices within an access or rescue system.

Art. No.	Length:
10 070 59	30cm
10 070 58	60cm

Rope Protector

PVC reinforced rope protector. Designed to protect the rope against abrasion and cutting eg on buildings or rock edges.
Easy-to-fit with velcro seam.

Art. No.
10 102 14

Climbers Helmet

Polypropylene climbers helmet with fully adjustable, comfortable skull webbing and chin strap. A cotton lining on the skull webbing and good air circulation reduces the build-up of moisture.
Fitted with attachment point for head torch.
Conforms to EN397. Weight: 410g.

Art. No.	Colour
10 070 48	Red
10 101 77	White

Industrial Climbers Seat

For use in conjunction with a suitable safety harness, the detachable industrial climbers seat offers a comfortable supported position for the operator during prolonged periods suspended at height.
Padded seat with waterproof, abrasion-resistant pvc coated nylon covering.
Supplied with two connectors.
Adjustable straps for perfect fit.
Complete with convenient ring attachments for accessories.

Art. No.
10 070 56

RG9 Rescue Kit

Ready-to-use rescue kit.
Suitable for lowering a casualty unaccompanied to the ground or for self rescue.
This kit complies to EN341 and contains:
RG9 automatic self descender - maximum descent speed 0.8m/s.
20m rope with karabiner.
Anchorage sling (1.2 m).
Practical and waterproof storage bag.

Art. No.
10 060 27

NEW

Morpho

New generation tree surgeon's leg loop belt

- Removable bow shackles
- Attachment bridge with a cord line and ring for a great lateral mobility
- Leg-loop ring
- Integrated plate for the chainsaw snap hook
- Cambered side buckles
- Integrated saw attachments
- Tool carrier with dedicated slots
- Ergonomic leg-loops

3 PATENTED INNOVATIONS

- Self-adjustable triangulation: Automatic distribution of the leg-loop / belt loads and automatic back tilt adjustment
- Automatic belt and leg-loop buckles with anti-slip system
- Ergonomic backrest with an integrated breathable system

Models delivered with 30-cm attachment bridge and ring

Standards : Complies with CE standards:
-EN 358: Work-positioning belt
-EN 813: Sit belt

Self adjustable triangulation

Art. No.	Descriptions
10 168 24	Morpho belt Size 1
10 168 25	Morpho belt Size 2
10 168 26	Morpho belt Size 3
10 175 92	Spare 18-cm triangulation

Art. No.	Descriptions
10 175 92	Spare 18-cm triangulation

Butterfly II Belt

Tree-pruning belt with padded belt and removable leg straps.
Replaceable front anchorage point for climbing line.
Safe, fold-away side D-rings for positioning lanyard.
Conforms to EN358 and EN813.
Practical rings and loops for accessories.
Net weight: 1.690kg (S), 1.760kg (M/L)

Art. No.	Size:
10 117 01	(S: 76 to 118cm)
10 117 02	(M/L: 86 to 128cm)
10 136 41	(XL: 96 to 138cm)

Dragonfly II Belt

Tree-pruning belt with padded belt and removable rigid seat strap.
Replaceable front anchorage point for climbing line.
Safe, fold-away side D-rings for positioning lanyard.
Addition of adjustable buckles on the seat strap to adjust the back tilt.
Conforms to EN358 and EN813. Practical rings and loops for accessories.
Net weight: 2.10 kg (S), 2.260kg (M/L)

Art. No.	Size:
10 166 81	(S: 76 to 118cm)
10 166 82	(M/L: 86 to 128cm)
10 166 83	(XL: 96 to 138cm)

Butterfly II Harness

AT LAST A SOLUTION TO EN361

Offering all the advantages of the Buttefly II belt this harness incorporates shoulder straps and a dorsal anchorage point. The shoulder straps distribute the weight and hold the harness in place when carrying a chainsaw.
Conforms to EN361, EN358 and EN813

Art. No.	Colour
10 137 24	S
10 137 25	M/L
10 137 26	XL

Dragonfly Harness

Offering all the advantages of the Dragonfly belt this harness incorporates shoulder straps and a dorsal anchorage point. The shoulder straps distribute the weight and hold the harness in place when carrying a chainsaw.
Conforms to EN361, EN358 and EN813

Art. No.	Colour
10 137 27	S
10 137 28	M/L
10 137 29	XL

Pair of bow shackles

Art. No.
10 122 31

Snap hook

Lightweight aluminium karabiner - Opening 60mm
For a quick and easy attachment of the chainsaw.

Art. No.
10 117 11

Attachment Bridge

With sliding anchorage point, allowing a great freedom of movement, preventing the belt from rotating around the waist and eliminating pressure on the hips.

Conforms to EN358 when fitted to the Butterfly II or Dragonfly.

Art. No.	Length:
10 117 05	25cm
10 117 06	30cm
10 122 32	35cm

Aluminium Ring

Ring for attachment bridge

Art. No.
10 122 30

Chainsaw lanyard

A chainsaw can be secured to the lanyard, allowing the chainsaw to be attached to the belt more easily.
Breaking strenght : 90 kgs.

Art. No.
10 164 90

Miller Full Body Harnesses

Designed for comfort and safety

Commonly used in conjunction with a climbing line, spikes and a work-positioning lanyard, the full body harnesses are suitable for heavier tree-pruning operations, for example when using a chainsaw.
The climber is positioned against the trunk and is not required to move around the tree.

Shoulder straps evenly distribute the weight of the tools (e.g. chainsaw) through the harness.
The rigid seat strap provides a comfortable and safer position during work in suspension from the climbing line.
The wide, padded belt is used in conjunction with the positioning lanyard around the tree-trunk.

Green Belt

2-point positioning belt, with rigid seat strap and removable shoulder straps.
- Adjustable sternal anchorage for climbing line
- Side D-rings for positioning lanyard
- Removable shoulder straps depending on task requirements
- Durable 44mm polyamide webbing
- Practical loops for karabiners
- Conforms to EN 358
- Net weight: 2.57kg

Art. No.	
10 033 14	Green Belt Chainsaw Karabiner

Art. No.	Size:
10 030 16	Standard
10 151 92	XL

Tree-Pruning Harness

3-point full body harness with positioning belt and seat strap.
- Rear anchorage for fall arrest
- Sternal anchorage for climbing line
- Side D-rings for positioning lanyard
- Automatic buckle on the belt for quick and easy adjustment
- Durable 44mm polyamide webbing
- Practical loops for karabiners
- Conforms to EN 358 and EN 361
- Net weight: 1.76kg

Art. No.	
10 029 65	Tree-Pruning Harness Chainsaw Karabiner

Art. No.
10 029 27

Tree-Surgeon Kit

Contains:
- Tree-Pruning Harness
- Chainsaw Karabiner
- Work-positioning lanyard
- Set of 1-spike gaffs
- Complete climbing line with length adjuster

Art. No.	Length:
10 032 79	30m
10 032 78	20m

Miller Positioning Lanyards

Reglex 3000 - Reinforced lanyard

Suitable for tree-pruning and ornamental pruning.
- Easy-to-use, reinforced work positioning lanyard
- Ø 12.5mm flexible polyamide rope with steel core provides some protection against chainsaw damage
- Stainless steel cam-type length adjuster for easy, progressive one-handed adjustment
- Supplied with karabiner and alloy snap hook, 22mm opening
- Static strength : >1500 daN
- Conforms to EN358
- Net weight: 1.8kg

Art. No.	Length:
10 031 24	4m

Reglex Machoire

Suitable for tree felling. The tree-surgeon uses the lanyard in conjunction with spike gaffs to climb up the tree-trunk.
- Easy-to-use, reinforced work positioning lanyard with stainless steel jaw type length adjuster for progressive one-handed adjustment without jolts
- Ø 14mm semi-rigid polypropylene and steel rope provides some protection against chainsaw damage
- Supplied with karabiner and alloy snap hook, 22mm opening
- Static strength: > 1500 daN
- Conforms to EN358
- Net weight: 1.61kg

Art. No.	Length:
10 030 99	3m
10 031 00	4m
10 031 01	5m

NEW

Reinforced Rocker positioning lanyard

Work positioning lanyard in 'Amazon' nylon rope with a Ø 7 mm steel core.
- Supplied with an aluminium ROCKER rope adjuster with a keylock connector and a snap hook. The length of the lanyard can be easily adjusted without having to manually handle the ROCKER. Simply by pulling upwards on the rope you can release the adjuster and increase the length. To shorten the lanyard, pull the rope through the ROCKER.
- The bright red colour offers better visibility and safety. Conforms to EN358.

Art. No.	Length:
10 140 21	3m
10 140 22	4m
10 140 23	5m

Miller Climbing Spikes

Designed for support when climbing the trunk of a tree

Increased comfort:
The protective climbing pad with high-density foam lining provides a high level of comfort against the shin

Ergonomic design:
The ergonomic design of the aluminium leg shank is adapted to the shape of the tibia and ankle

A secure hold:
The specific shape and durability of the stainless steel gaff offer a reliable and secure support

Excellent freedom of movement:
Lightweight materials combined with an ergonomic design facilitate the tree climbing

Climbing Spikes

1 pair complete with protective sheaths and Allen key (for length adjustment)

Art. No.
10 144 91

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